



Division of Erectoweld, Inc.

1444 South West Ave., Waukesha, WI 53189
 262-547-0211 Fax: 262-547-0718
weedharvesters@aol.com

586 Third Line, Oakville, ON L7L 4A7 Canada
 Tel: (905) 825-1371 Fax: (905) 825-4116
<http://www.aquamarine.ca>

7385 Baldwin Rd., Cayuga, NY 13034
 315-253-4270 Fax: 315-253-9277
weedharvesters.com atcc@localnet.com

AQUARAKE
AR-15 AQUATIC CRANE BOAT
Technical Specifications

DIMENSIONS & WEIGHT

Operating Length (A)	28'-6"	8,69 m
Operating Width (B)	18'-0"	5,49 m
Height Overall (C)	10'-10"	3,30 m
Shipping Width (E)	11'-0"	3,35 m
Weight (basic unit with rake & without options)	14,500 lbs	6600 kg

FLOTATION

Barge Type	Unihull, tubular internal frame	
Barge Length (D)	25'-1"	7,65 m
Barge Width (E)	11'-0"	3,35 m
Compartments	5 water-tight	
Draft	11"	280 mm

POWER SYSTEM & CONTROL BRIDGE

Engine, diesel	4 cyl water-cooled diesel, 73hp/54.5kW @ 2600 rpm	
Hydraulic Pump	Variable volume pressure compensated	
Hydraulic Tank	70 US gals	265 liters
Fuel Tank	70 US gals	265 liters
Operator's Seat	Adjustable	
Hydraulic Control	Foot pedals & manual levers	
Control Panel	Full instrumentation	
Electrical System	12 volt, D.C.	

OPTIONAL EQUIPMENT

Spare Parts Package	Stern-mounted Spud anchor
Sun/Rain Canopy	Work lights
Open-sided operator's cab	Tool kit
Marine lights & horn	

HYDRAULIC CRANE

Structure	Tubular structural elements	
Rotation	30 degrees left & right	
Maximum Reach (K)	17'-0"	5,20 m
Maximum Operating Depth (H)	15'-0"	4,57 m
Maximum Lift:		
- adjacent to barge	1800 lbs	800 lbs
- at full extension	800 lbs	360 kg

CRANE ATTACHMENTS (priced individually)

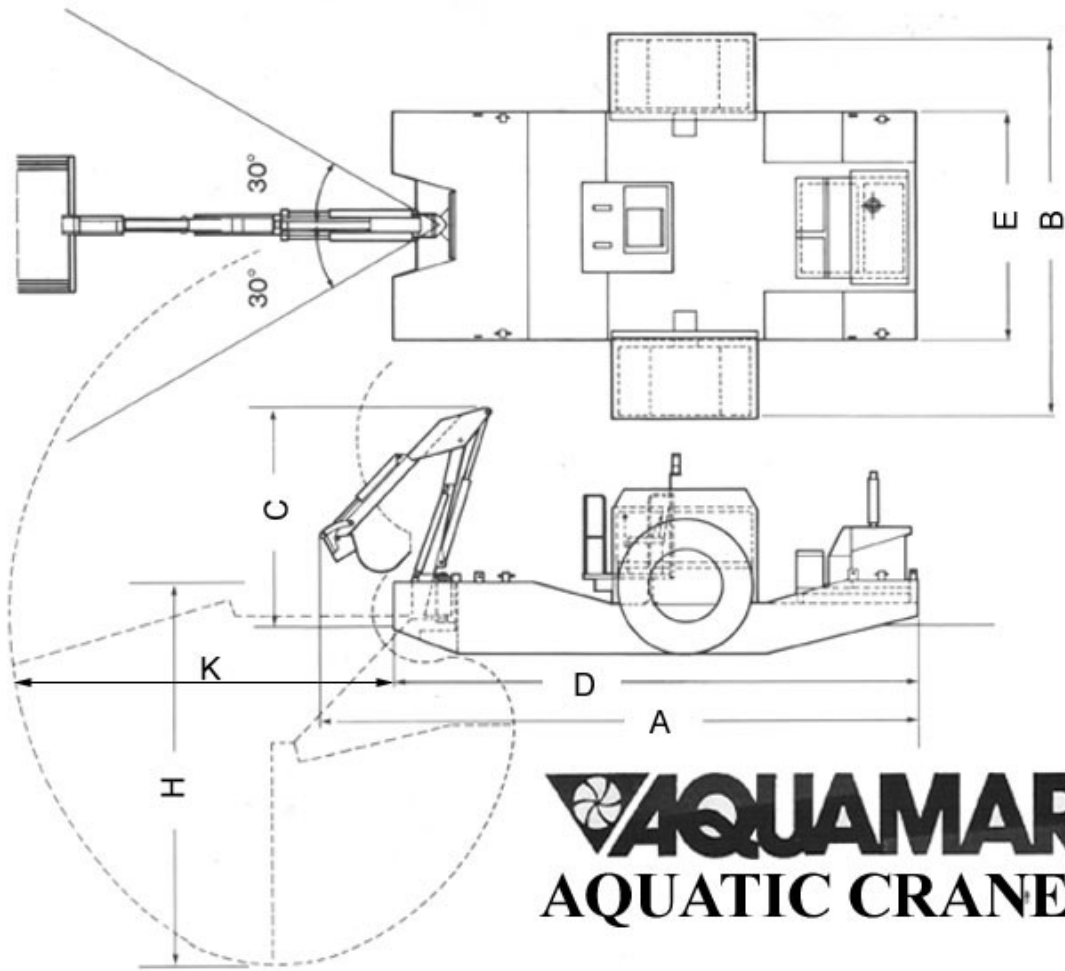
- Brush & weed grapple
- Clam shell
- Rotator, continuous for above
- Rake (7'-0"/2,13 m wide)

PROPULSION

Type	Paddle wheels (2)	
Drives	Hydraulic – mechanical	
Diameter	6'-0"	1,83 m
Width	3'-0"	915 mm
Speed	0 – 50 rpm	

GENERAL

Fasteners	Stainless steel & high strength steel where required
Anti-Corrosion System	High impact, high visibility safety orange, thermally cured epoxy coating



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